

A Profile of **APL**



Who We Are

The Johns Hopkins University Applied Physics Laboratory has provided solutions to national security and scientific challenges with engineering, integration, research and development, and analysis for more than 70 years. APL is our nation's largest University Affiliated Research Center, with approximately 5,000 staff members and 600 ongoing sponsored research projects. Our scientists, engineers and analysts serve as trusted advisors and technical experts to the government, ensuring the reliability of complex technologies that safeguard our nation's security and advance the frontiers of space. We also maintain independent research and development programs that pioneer and explore emerging technologies and concepts to address future national priorities.

A University Affiliated Research Center

University Affiliated Research Centers are independent, nonprofit organizations that conduct essential research, development and systems engineering to support national security needs. The centers serve strategic national priorities, free from conflicts of interest or competition with commercial industry. Collaboration with leading research universities allows these organizations to provide the U.S. government with access to our nation's most highly skilled scientists, engineers and analysts to tackle vital national security and scientific challenges.

APL's Mission Areas

APL solves complex research, engineering and analytical problems that present critical challenges to our nation. We provide U.S. government agencies with deep expertise in specialized fields to support national priorities and technology development programs. We also serve as independent trusted technical agents to the government, providing continuity for highly complex, multigenerational technology development systems.

- Air and Missile Defense

■ Civil Space

■ Cyber Operations

■ Homeland Protection

■ National Security Analysis

■ National Security Space
- Precision Strike

■ Research and Exploratory Development

■ Sea Control

■ Special Operations

■ Strategic Deterrence

Johns Hopkins Connections

APL regularly partners with other Johns Hopkins divisions to solve some of the nation's—and the world's—toughest problems. Specific collaborations include APL and JHU's G.W.C. Whiting School of Engineering, Krieger School of Arts and Sciences, Paul H. Nitze School for Advanced International Studies, Bloomberg School of Public Health, Carey Business School and School of Medicine, as well as The Johns Hopkins Hospital.

Our strong commitment to continuing education is demonstrated by the nearly 200 staff members who teach within the JHU Whiting School's Engineering for Professionals program. APL staff members teach engineering, applied science, technical management and information technology courses.



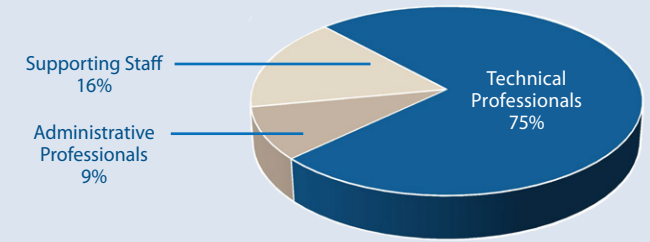
Rich Working Environment

APL's 399-acre campus sits in the heart of the Baltimore–Washington metropolitan area. More than 100 specialized facilities for research, simulation, fabrication and testing are available to APL engineers and scientists.

APL understands that employees have interests and responsibilities outside of work and supports staff members as they balance work and home. That is why, in addition to possessing some of the finest technical facilities in the country, APL offers staff members a number of amenities, including several on-site cafeterias, sport fields, picnic areas and a state-of-the-art fitness center.

Staff Profile

Technical Professionals			
Degree Level		Degree Field	
54%	Master's	56%	Engineering
22%	Bachelor's	29%	Mathematics and computer sciences
17%	Doctorate	15%	Physics, chemistry and other
7%	None		



Applied Expertise

Systems

Missile • Combat • Spacecraft • Communications • Surveillance • Radar • Command and Control • Information • Display

Technologies

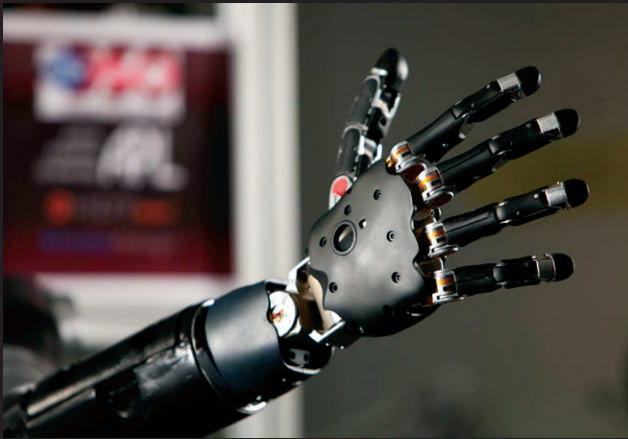
Electronics • Information Processing • Navigation • Guidance • Propulsion • Aerodynamics • Oceanography • Space Physics • Sonar • Software Development • Signal Processing • Materials • Biomedicine

Mission Support

Precision Engagement • Ship Defense • Strategic Deterrence • Tactical and Ballistic Missile Defense • Electronic Warfare • Littoral Warfare • Surveillance • Antisubmarine Warfare

Special Operations

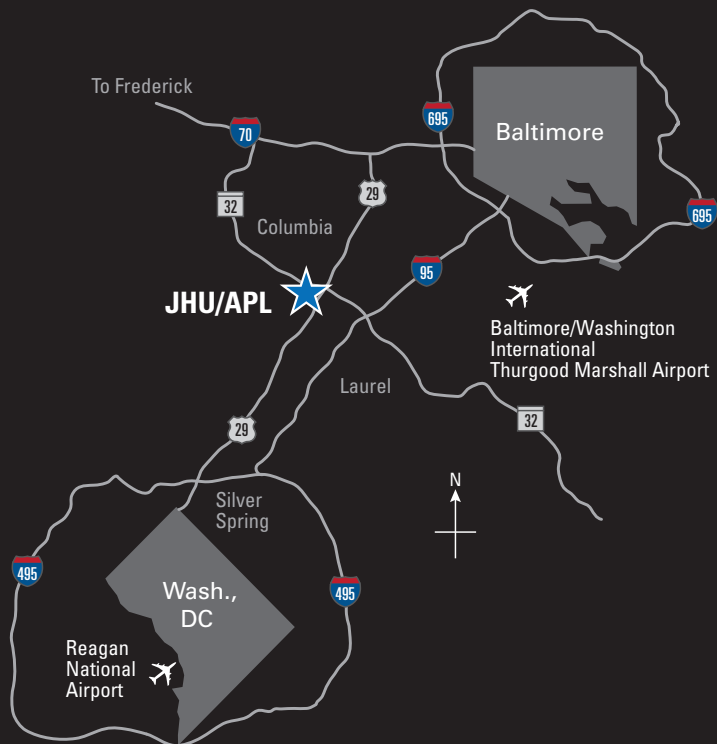
Cybersecurity • Rapid Prototyping • Intelligence, Surveillance and Reconnaissance Technologies



APL's reputation is directly attributable to the high quality of our employees. Our staff embodies the Laboratory's values: excellence, integrity and dedication. The men and women of APL work in an environment that stimulates creativity, learning, growth and contributions. This kind of environment can exist only in a place where race, gender and other such characteristics do not define talent. Instead, we focus on the qualities that really matter: knowledge, experience and innovation.

The high caliber of our staff members and facilities, complemented by our longstanding relationship with JHU, constitutes a creative, dynamic environment designed to make significant current contributions and to meet future challenges.

APL is located midway between Washington and Baltimore, with convenient access to major highways and local attractions. See our **Visitor's Guide** for details.



For more information, contact:

College Recruiting

240-228-3456

Employment

240-228-3172

or visit us on the web at:

www.jhuapl.edu